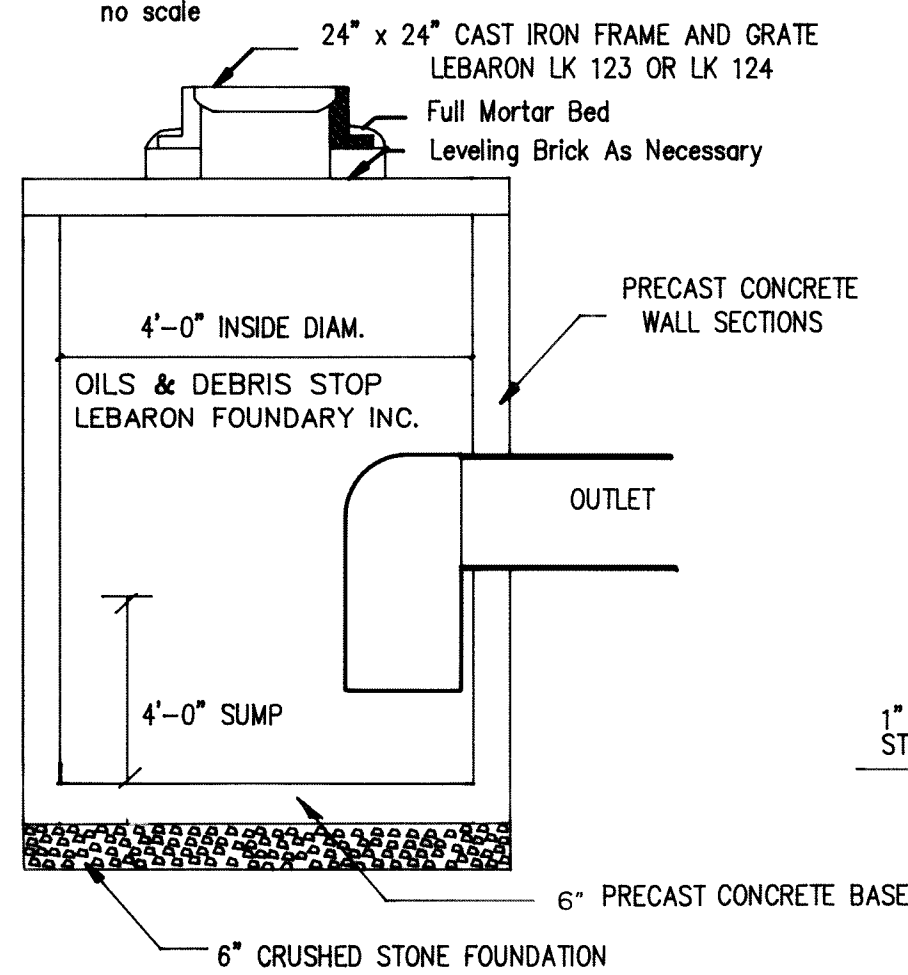
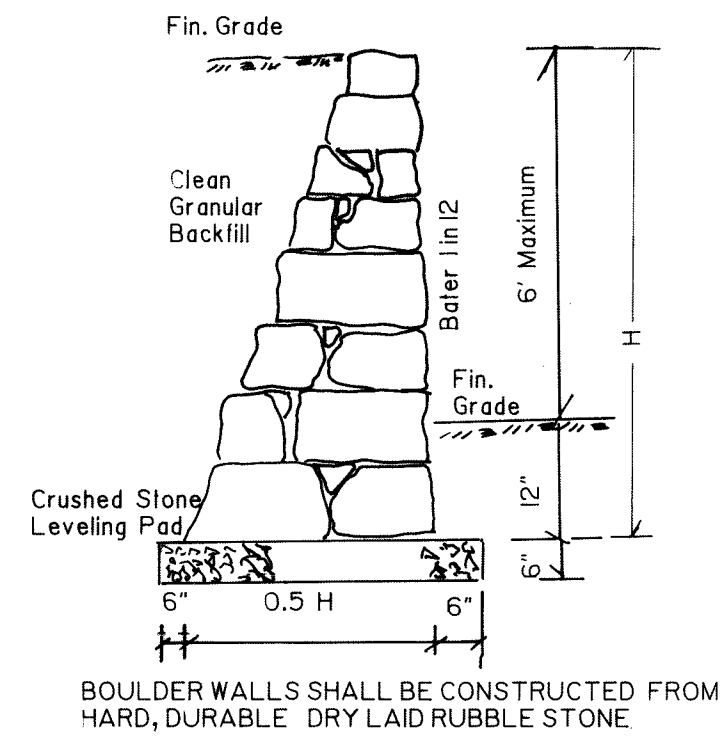


# DETAIL CATCH BASIN



# DETAIL BOULDER WALL no scale



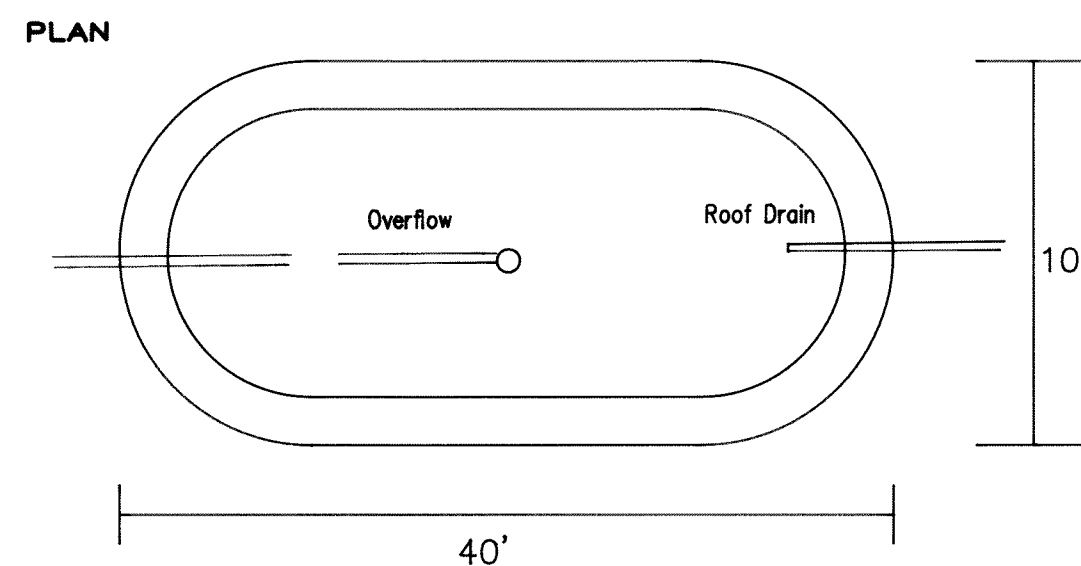
# RAIN GARDEN DETAILS

## NO SCALE

PLANTING NOTES FOR 3 FOOT DEPTH RAIN GARDENS  
PLANTINGS SHALL BE SELECTED FROM THE LIST BELOW AND CONSIST OF A MINIMUM OF 2 TREES AND 7 SHRUBS UNIFORMLY DISTRIBUTED WITHIN THE RAIN GARDENS A MINIMUM OF 2 SPECIES OF TREES AND 3 SPECIES OF SHRUBS SHALL BE PLANTED.

TREES ( 2 - 21/2" CAL. B & B )  
GRAY BIRCH  
RED MAPLE  
PIN OAK  
WHITE PINE

SHRUBS (2 GAL. CONTAINER, MIN.)  
BAR HARBOR JUNIPER  
NORTHERN BAYBERRY  
WINTERBERRY  
WITCH HAZEL

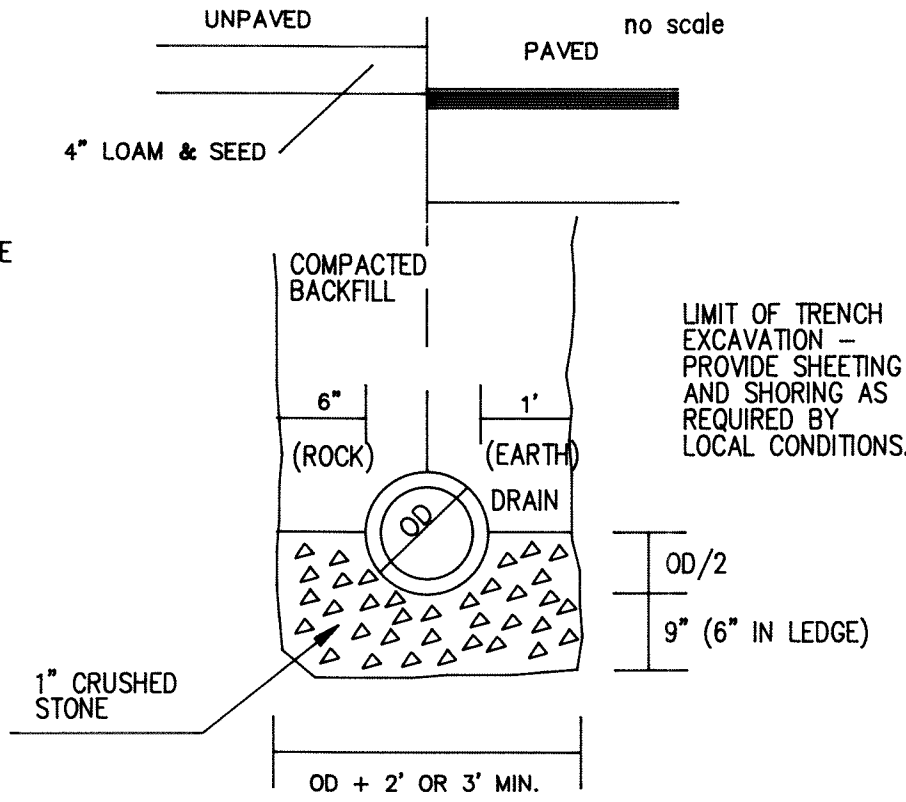


See Sheet 8 for Elevation Data  
FOR REGISTRY USE ONLY

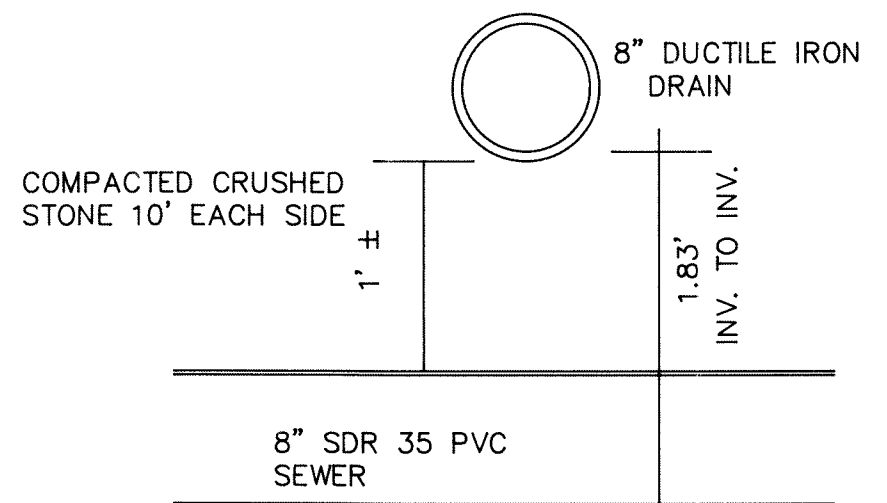
I HEREBY CERTIFY THAT THIS PLAN CONFORMS TO THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS

*Signature*

# STORM DRAIN TRENCH SECTION

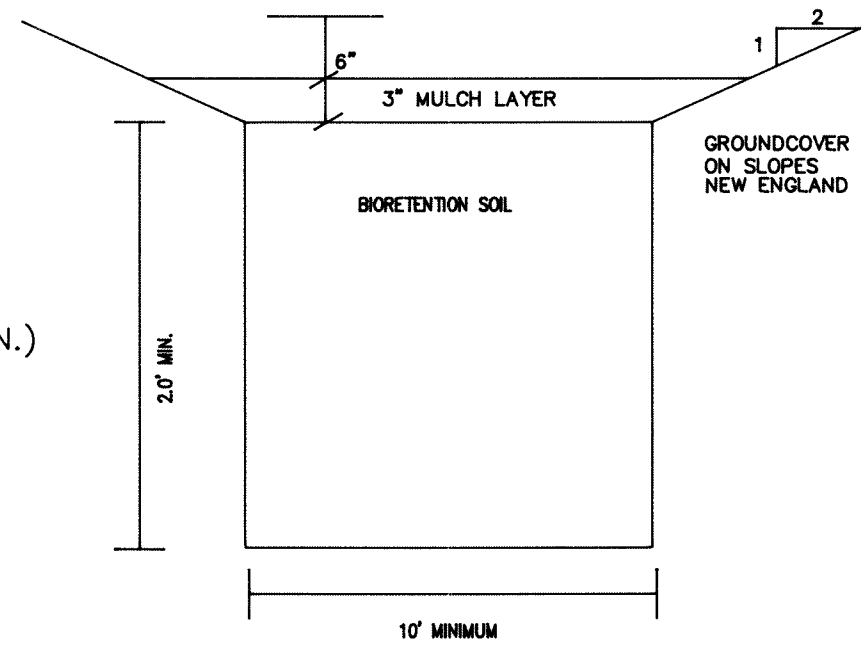


# DETAIL WATER & DRAIN CROSSING DRIVEWAY TO UNITS 4 & 5 1"=1'-0"



CROSSING SHALL BE CONSTRUCTED SUCH THAT NO PIPE JOINTS ARE LOCATED WITHIN 5 FT. OF THE CROSSING

# SECTION



Bioretention Cell Soil Mix Specifications  
Soil mixture shall consist of 40% sand, 20-30% topsoil and 30-40% compost. It shall be free from stones, stumps, roots or similar objects larger than 2 inches. Clay content should not exceed 5%. Soil pH should be between 5.5 and 6.5. Soils are to have 1.5 - 3% organics and maximum of 500 ppm soluble salts. Sand component shall be gravelly sand meeting ASTM D422.

Sieve Size	Percent Passing
2 Inch	100
3/4 Inch	70-80
1/4 inch	50-80
US No. 40	15-40
US No. 200	0-3

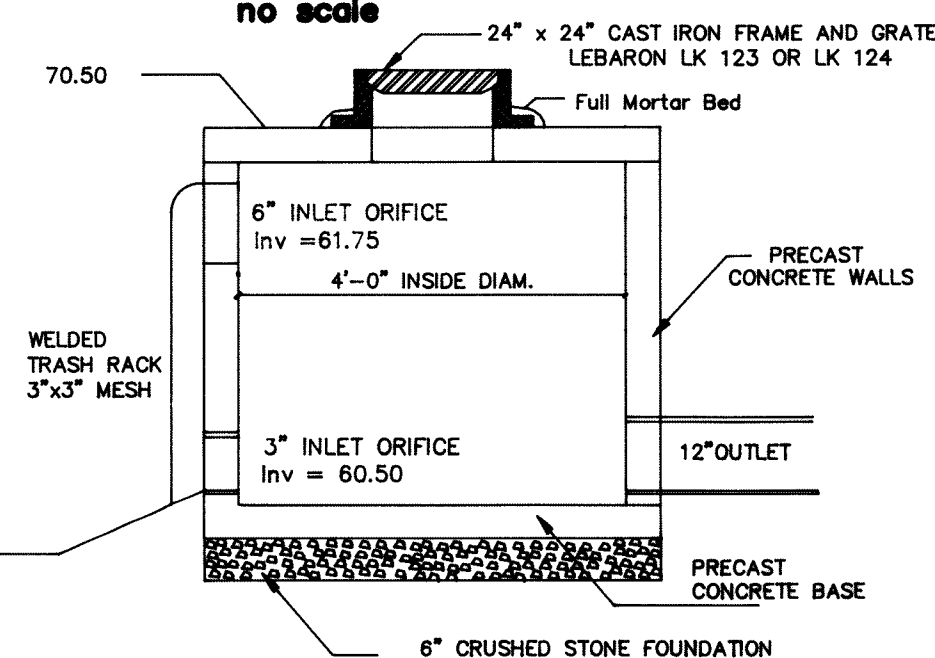
Topsoil component shall be a sandy loam, loamy sand or loam texture. Compost component shall be processed from yard waste in accordance with Mass, DEP Guidelines and shall not contain biosolids.

Mulch shall consist of fine shredded hardwood mulch.

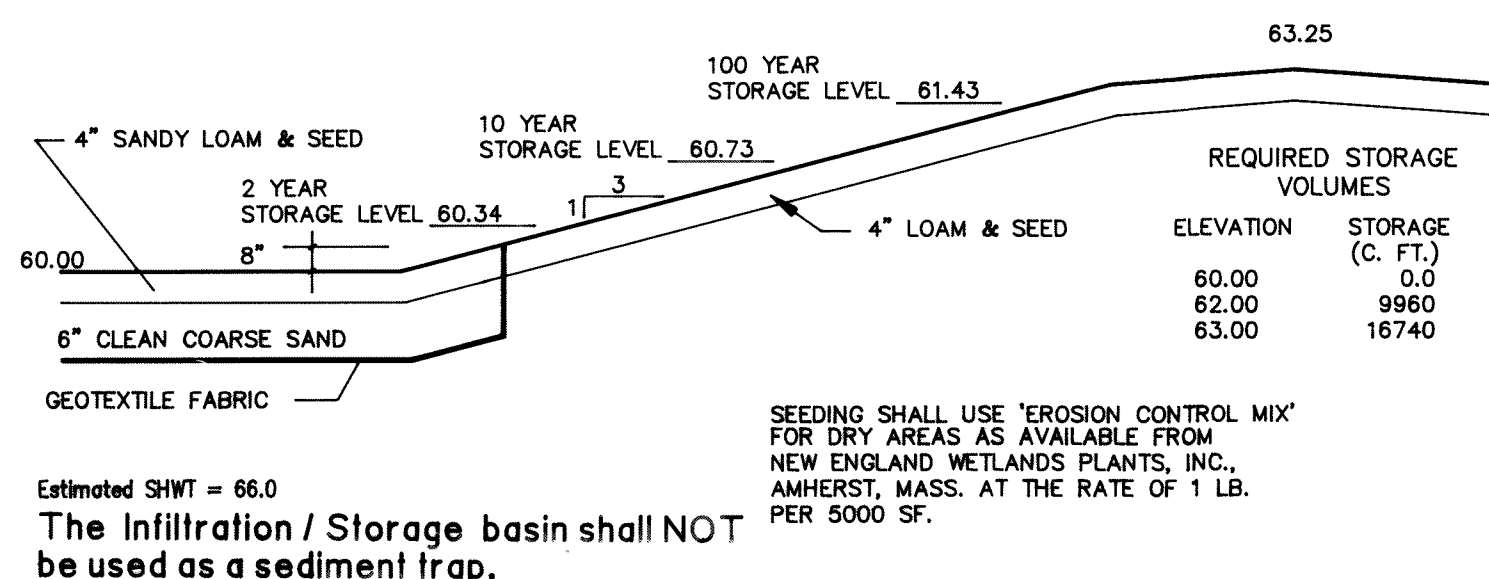
PLANTING SCHEDULE FOR 2 FOOT DEPTH RAIN GARDENS  
Plantings shall consist of 12 shrubs consisting of a variety of Highbush Blueberry Silky Dogwood and Northern Wild Raisin ( No. 3 Pot, min. of 3 each variety)

Herbaceous Species : Switch Grass No. 3 Pot ( 12 each )  
Blue Flag Iris No. 1 Pot ( 24 each )

# DETAIL OUTLET STRUCTURE no scale



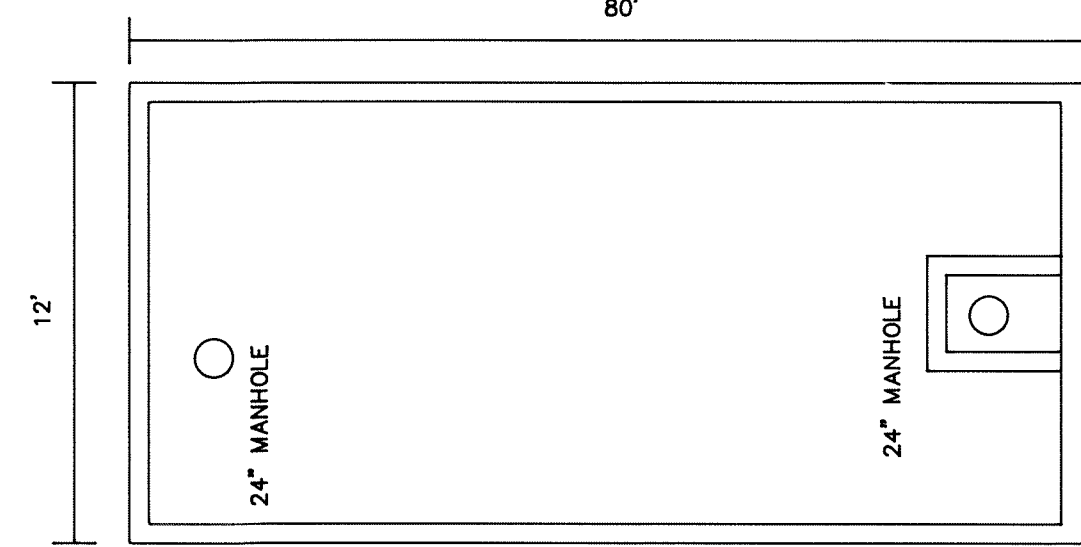
# SECTION - INFILTRATION / STORAGE BASIN No Scale



# TYPICAL DETAIL - STORAGE / INFILTRATION VAULTS NO SCALE

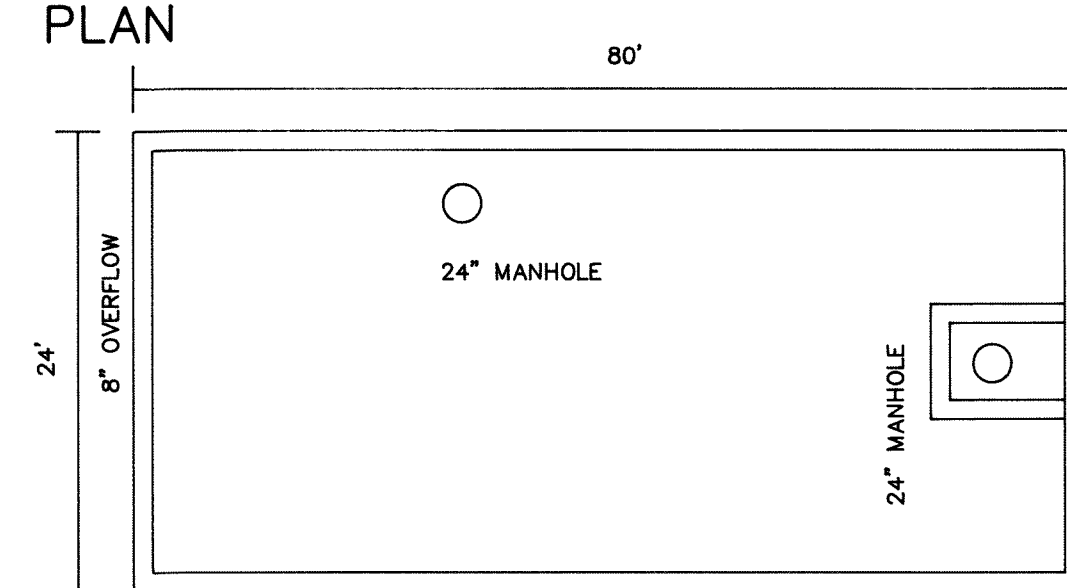
PROPOSED STRUCTURAL PLANS FOR THE VAULT SHALL BE DESIGNED BY A MASSACHUSETTS REGISTERED PROFESSIONAL ENGINEER AND PERMITTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE TOPFIELD BUILDING INSPECTOR.

# PLAN



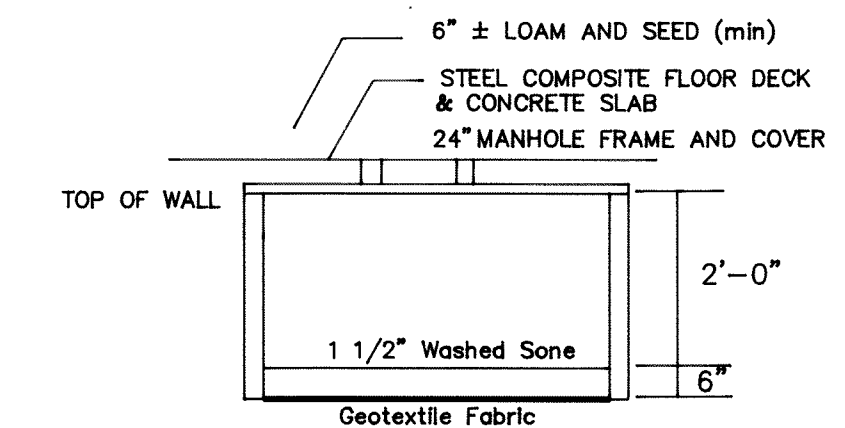
SEE SHEET 8 FOR ELEVATION DATA

# DETAIL - STORAGE VAULT FIRST FAIRWAY FROM 4+90 NO SCALE

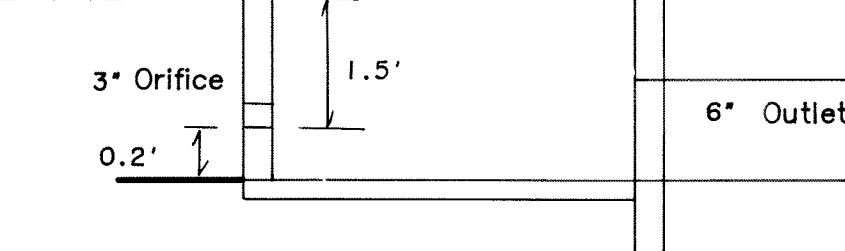


PROPOSED STRUCTURAL PLANS FOR THE VAULT SHALL BE DESIGNED BY A MASSACHUSETTS REGISTERED PROFESSIONAL ENGINEER AND PERMITTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE TOPFIELD BUILDING INSPECTOR.

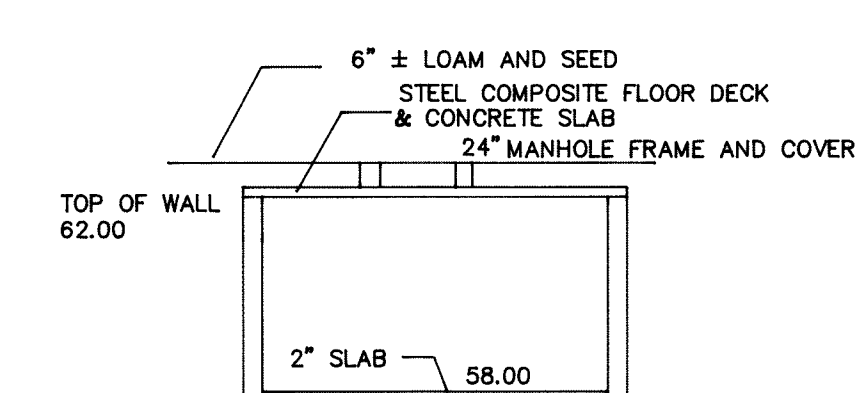
# SECTION



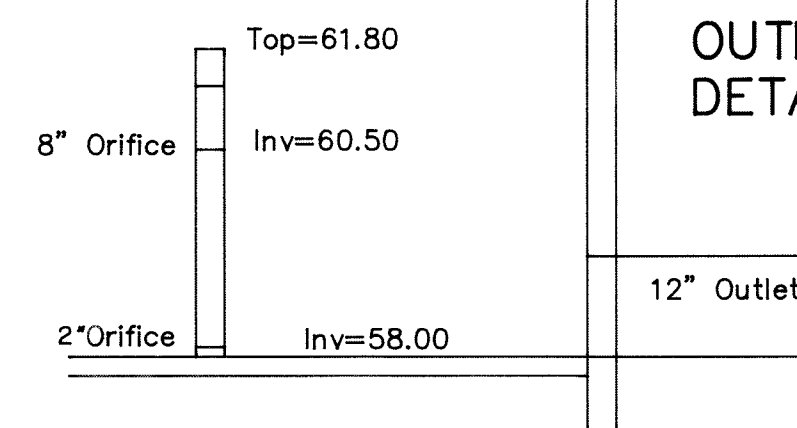
# OUTLET DETAIL



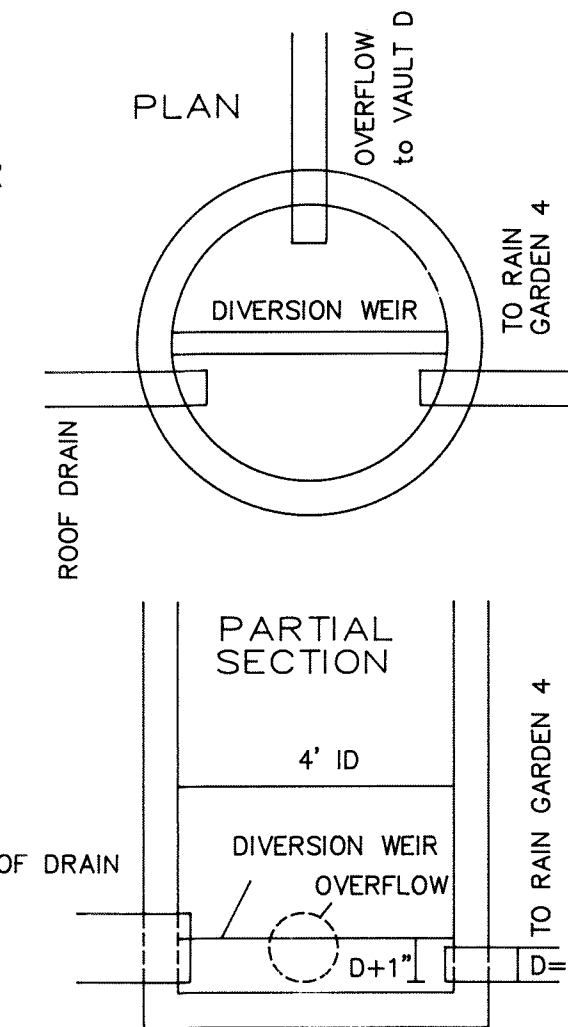
# SECTION



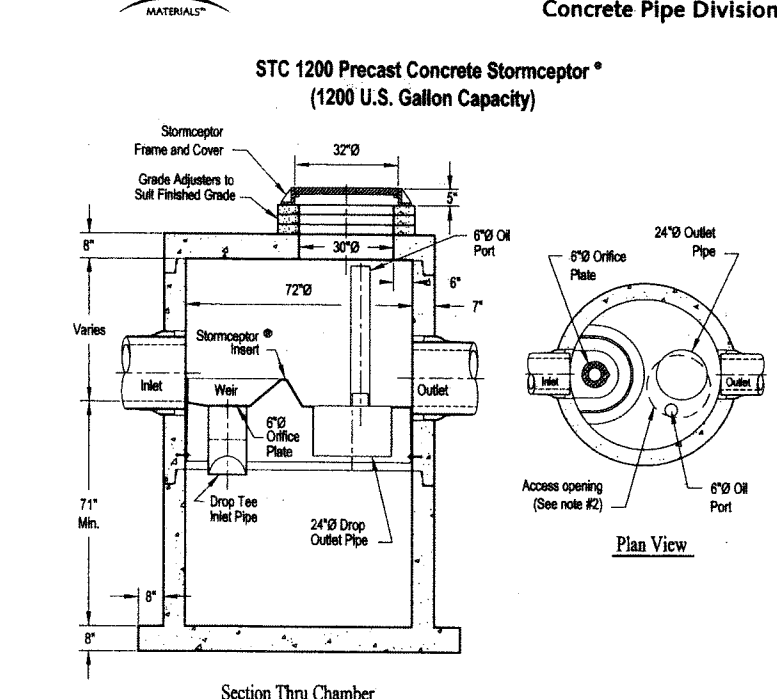
# OUTLET DETAIL



# DETAIL FLOW SPLITTER MANHOLE No Scale



# Rinker



Notes:  
1. The Use Of Flexible Connection is Recommended at The Inlet and Outlet Where Applicable.  
2. The Cover Should Be Positioned Over The Outlet Drop Pipe and The Vent Pipe.  
3. The Stormceptor System is protected by one or more of the following U.S. Patents: #4085148, #4085149, #4085150, #4085151, #4085152, #4085153, #4085154, #4085155, #4085156, #4085157, #4085158, #4085159, #4085160, #4085161, #4085162, #4085163, #4085164, #4085165, #4085166, #4085167, #4085168, #4085169, #4085170, #4085171, #4085172, #4085173, #4085174, #4085175, #4085176, #4085177, #4085178, #4085179, #4085180, #4085181, #4085182, #4085183, #4085184, #4085185, #4085186, #4085187, #4085188, #4085189, #4085190, #4085191, #4085192, #4085193, #4085194, #4085195, #4085196, #4085197, #4085198, #4085199, #4085200, #4085201, #4085202, #4085203, #4085204, #4085205, #4085206, #4085207, #4085208, #4085209, #4085210, #4085211, #4085212, #4085213, #4085214, #4085215, #4085216, #4085217, #4085218, #4085219, #4085220, #4085221, #4085222, #4085223, #4085224, #4085225, #4085226, #4085227, #4085228, #4085229, #4085230, #4085231, #4085232, #4085233, #4085234, #4085235, #4085236, #4085237, #4085238, #4085239, #4085240, #4085241, #4085242, #4085243, #4085244, #4085245, #4085246, #4085247, #4085248, #4085249, #4085250, #4085251, #4085252, #4085253, #4085254, #4085255, #4085256, #4085257, #4085258, #4085259, #4085260, #4085261, #4085262, #4085263, #4085264, #4085265, #4085266, #4085267, #4085268, #4085269, #4085270, #4085271, #4085272, #4085273, #4085274, #4085275, #4085276, #4085277, #4085278, #4085279, #4085280, #4085281, #4085282, #4085283, #4085284, #4085285, #4085286, #4085287, #4085288, #4085289, #4085290, #4085291, #4085292, #4085293, #4085294, #4085295, #4085296, #4085297, #4085298, #4085299, #4085300, #4085301, #4085302, #4085303, #4085304, #4085305, #4085306, #4085307, #4085308, #4085309, #4085310, #4085311, #4085312, #4085313, #4085314, #4085315, #4085316, #4085317, #4085318, #4085319, #4085320, #4085321, #4085322, #4085323, #4085324, #4085325, #4085326, #4085327, #4085328, #4085329, #4085330, #4085331, #4085332, #4085333, #4085334, #4085335, #4085336, #4085337, #4085338, #4085339, #4085340, #4085341, #4085342, #4085343, #4085344, #4085345, #4085346, #4085347, #4085348, #4085349, #4085350, #4085351, #4085352, #4085353, #4085354, #4085355, #4085356, #4085357, #4085358, #4085359, #4085360, #4085361, #4085362, #4085363, #4085364, #4085365, #4085366, #4085367, #4085368, #4085369, #4085370, #4085371, #4085372, #4085373, #4085374, #4085375, #4085376, #4085377, #4085378, #4085379, #4085380, #4085381, #4085382, #4085383, #4085384, #4085385, #4085386, #4085387, #4085388, #4085389, #4085390, #4085391, #4085392, #4085393, #4085394, #4085395, #4085396, #4085397, #4085398, #4085399, #4085400, #4085401, #4085402, #4085403, #4085404, #4085405, #4085406, #4085407, #4085408, #4085409, #4085410, #4085411, #4085412, #4085413, #4085414, #4085415, #4085416, #4085417, #4085418, #4085419, #4085420, #4085421, #4085422, #4085423, #4085424, #4085425, #4085426, #4085427, #4085428, #4085429, #4085430, #4085431, #4085432, #4085433, #4085434, #4085435, #4085436, #4085437, #4085438, #4085439, #4085440, #4085441, #4085442, #4085443, #4085444, #4085445, #4085446, #4085447, #4085448, #4085449, #4085450, #4085451, #4085452, #4085453, #4085454, #4085455, #4085456, #4085457, #4085458, #4085459, #4085460, #4085461, #4085462, #4085463, #4085464, #4085465, #4085466, #4085467, #4085468, #4085469, #4085470, #4085471, #4085472, #4085473, #4085474, #4085475, #4085476, #4085477, #4085478, #4085479, #4085480, #4085481, #4085482, #4085483, #4085484, #4085485, #4085486, #4085487, #4085488, #4085489, #4085490, #4085491, #4085492, #4085493, #4085494, #4085495, #4085496, #4085497, #4085498, #4085499, #4085500, #4085501, #4085502, #4085503, #4085504, #4085505, #4085506, #4085507, #4085508, #4085509, #4085510, #4085511, #4085512, #4085513, #4085514, #4085515, #4085516, #4085517, #4085518, #4085519, #4085520, #4085521, #4085522, #4085523, #4085524, #4085525, #4085526, #4085527, #4085528, #4085529, #4085530, #4085531, #4085532, #4085533, #4085534, #4085535, #4085536, #4085537, #4085538, #4085539, #4085540, #4085541, #4085542, #4085543, #4085544, #4085545, #4085546, #4085547, #4085548, #4085549, #4085550, #4085551, #4085552, #4085553, #4085554, #4085555, #4085556, #4085557, #4085558, #4085559, #4085560, #4085561, #4085562, #4085563, #4085564, #4085565, #4085566, #4085567, #4085568, #4085569, #4085570, #4085571, #4085572, #4085573, #4085574, #4085575, #4085576, #4085577, #4085578, #4085579, #4085580, #4085581, #4085582, #4085583, #4085584, #4085585, #4085586, #4085587, #4085588, #4085589, #4085590, #4085591, #4085592, #4085593, #4085594, #4085595, #4085596, #4085597, #4085598, #4085599, #4085600, #4085601, #4085602, #4085603, #4085604, #4085605, #4085606, #4085607, #4085608, #4085609, #4085610, #4085611, #4085612, #4085613, #4085614, #4085615, #4085616, #4085617, #4085618, #4085619, #4085620, #4085621, #4085622, #4085623, #4085624, #4085625, #4085626, #4085627, #4085628, #4085629, #4085630, #4085631, #4085632, #4085633, #4085634, #4085635, #4085636, #4085637, #4085638, #4085639, #4085640, #4085641, #4085642, #4085643, #4085644, #4085645, #4085646, #4085647, #4085648, #4085649, #4085650, #4085651, #4085652, #4085653, #4085654, #4085655, #4085656, #4085657, #4085658, #4085659, #4085660, #4085661, #4085662, #4085663, #4085664, #4085665, #4085666, #4085667, #4085668, #4085669, #4085670, #4085671, #4085672, #4085673, #4085674, #4085675, #4085676, #4085677, #4085678, #4085679, #4085680, #4085681, #4085682, #4085683, #4085684, #4085685, #4085686, #4085687, #4085688, #4085689, #4085690, #4085691, #4085692, #4085693, #4085694, #4085695, #4085696, #4085697, #4085698, #4085699, #4085700, #4085701, #4085702, #4085703, #4085704, #4085705, #4085706, #4085707, #4085708, #4085709, #4085710, #4085711, #4085712, #4085713, #4085714, #4085715, #4085716, #4085717, #4085718, #4085719, #4085720, #4085721, #4085722, #4085723, #4085724, #4085725, #4085726, #4085727, #4085728, #4085729, #4085730, #4085731, #4085732, #4085733, #4085734, #4085735, #4085736, #4085737, #4085738, #4085739, #4085740, #4085741, #4085742, #4085743, #4085744, #4085745, #4085746, #4085747, #4085748, #4085749, #4085750, #4085751, #4085752, #4085753, #4085754, #4085755, #4085756, #4085757, #4085758, #4085759, #4085760, #4085761, #4085762, #4085763, #4085764, #4085765, #4085766, #4085767, #4085768, #4085769, #4085770, #4085771, #4085772, #4085773, #4085774, #4085775, #4085776, #4085777, #4085778, #4085779, #4085780, #4085781, #4085782, #4085783, #4085784, #4085785, #4085786, #4085787, #4085788, #4085789, #4085790, #4085791, #4085792, #4085793, #4085794, #4085795, #4085796, #4085797, #4085798, #4085799, #4085800, #4085801, #4085802, #4085803, #4085804, #4085805, #4085806, #4085807, #4085808, #4085809, #4085810, #4085811, #4085812, #4085813, #4085814, #4085815, #4085816, #4085817, #4085818, #4085819, #4085820, #4085821, #4085822, #4085823, #4085824, #4085825, #4085826, #4085827, #4085828, #4085829, #4085830, #4085831, #4085832, #4085833, #4085834, #4085835, #4085836, #4085837, #4085838, #4085839, #4085840, #4085841, #4085842, #4085843, #4085844, #4085845, #4085846, #4085847, #4085848, #4085849, #4085850, #4085851, #4085852, #4085853, #4085854, #4085855, #4085856, #4085857, #4085858, #4085859, #4085860, #4085861, #4085862, #4085863, #4085864, #4085865, #4085866, #4085867, #4085868, #4085869, #4085870, #4085871, #4085872, #4085873, #4085874, #4085875, #4085876, #4085877, #4085878, #4085879, #4085880, #4085881, #4085882, #4085883, #4085884, #4085885, #4085886, #4085887, #4085888, #4085889, #4085890, #4085891, #4085892, #4085893, #4085894, #4085895, #4085896, #4085897, #4085898, #4085899, #4085900, #4085901, #4085902, #4085903, #4085904, #4085905, #4085906, #4085907, #4085908, #4085909, #4085910, #4085911, #4085912, #4085913, #4085914, #4085915, #4085916, #4085917, #4085918, #4085919, #4085920, #4085921, #4085922, #4085923, #4085924, #4085925, #4085926, #4085927, #4085928, #4085929, #4085930, #4085931, #4085932, #4085933, #4085934, #4085935, #4085936, #4085937, #4085938, #4085939, #4085940, #4085941, #4085942, #4085943, #4085944, #4085945, #4085946, #4085947, #4085948, #4085949, #408